

Soil Features

(See text for definitions of terms used in this table. Absence of an entry indicates that the feature is not a concern or that data were not estimated.)

Greene County, Iowa

Map symbol and soil name	Restrictive layer				Subsidence		Potential for frost action	Risk of corrosion	
	Kind	Depth to top	Thickness	Hardness	Initial	Total		Uncoated steel	Concrete
		In	In		In	In			
4: KNOKE-----	---	> 80	---	---	---	---	High-----	High-----	Low.
6: OKOBOJI-----	---	> 80	---	---	---	---	High-----	High-----	Low.
27B: TERRIL-----	---	> 80	---	---	---	---	Moderate----	Moderate----	Low.
27C: TERRIL-----	---	> 80	---	---	---	---	Moderate----	Moderate----	Low.
28B: DICKMAN-----	---	> 80	---	---	---	---	Low-----	Low-----	Moderate.
28C2: DICKMAN-----	---	> 80	---	---	---	---	Low-----	Low-----	Moderate.
34: ESTHERVILLE-----	---	> 80	---	---	---	---	Low-----	Low-----	Low.
34B: ESTHERVILLE-----	---	> 80	---	---	---	---	Low-----	Low-----	Low.
34C2: ESTHERVILLE-----	---	> 80	---	---	---	---	Low-----	Low-----	Low.
34D2: ESTHERVILLE-----	---	> 80	---	---	---	---	Low-----	Low-----	Low.
48: KNOKE-----	---	> 80	---	---	---	---	High-----	High-----	Low.
55: NICOLLET-----	---	> 80	---	---	---	---	High-----	High-----	Low.
62C2: STORDEN-----	---	> 80	---	---	---	---	Moderate----	Low-----	Low.

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		In	In		In	In			
62D2: STORDEN-----	---	> 80	---	---	---	---	Moderate----	Low-----	Low.
62E2: STORDEN-----	---	> 80	---	---	---	---	Moderate----	Low-----	Low.
62F: STORDEN-----	---	> 80	---	---	---	---	Moderate----	Low-----	Low.
62G: STORDEN-----	---	> 80	---	---	---	---	Moderate----	Low-----	Low.
90: OKOBOJI-----	---	> 80	---	---	---	---	High-----	High-----	Low.
95: HARPS-----	---	> 80	---	---	---	---	High-----	High-----	Low.
107: WEBSTER-----	---	> 80	---	---	---	---	High-----	High-----	Low.
108: WADENA-----	---	> 80	---	---	---	---	Low-----	Low-----	Low.
108B: WADENA-----	---	> 80	---	---	---	---	Low-----	Low-----	Low.
108C2: WADENA-----	---	> 80	---	---	---	---	Low-----	Low-----	Low.
135: COLAND-----	---	> 80	---	---	---	---	High-----	High-----	Low.
138B: CLARION-----	---	> 80	---	---	---	---	Moderate----	Low-----	Low.
138B2: CLARION-----	---	> 80	---	---	---	---	Moderate----	Low-----	Low.

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		In	In		In	In			
138C: CLARION-----	---	> 80	---	---	---	---	Moderate----	Low-----	Low.
138C2: CLARION-----	---	> 80	---	---	---	---	Moderate----	Low-----	Low.
138D2: CLARION-----	---	> 80	---	---	---	---	Moderate----	Low-----	Low.
168G: HAYDEN-----	---	> 80	---	---	---	---	Moderate----	Low-----	Moderate.
202: CYLINDER-----	---	> 80	---	---	---	---	High-----	Moderate----	Low.
203: CYLINDER-----	---	> 80	---	---	---	---	High-----	Moderate----	Low.
236B: LESTER-----	---	> 80	---	---	---	---	Moderate----	Low-----	Moderate.
236B2: LESTER-----	---	> 80	---	---	---	---	Moderate----	Low-----	Moderate.
236C: LESTER-----	---	> 80	---	---	---	---	Moderate----	Low-----	Moderate.
236C2: LESTER-----	---	> 80	---	---	---	---	Moderate----	Low-----	Moderate.
236D: LESTER-----	---	> 80	---	---	---	---	Moderate----	Low-----	Moderate.
236D2: LESTER-----	---	> 80	---	---	---	---	Moderate----	Low-----	Moderate.
236E: LESTER-----	---	> 80	---	---	---	---	Moderate----	Low-----	Moderate.

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	Kind	Depth to top	Thickness	Hardness	Initial	Total		Uncoated steel	Concrete
		In	In		In	In			
236F: LESTER-----	---	> 80	---	---	---	---	Moderate----	Low-----	Moderate.
256D2: LESTER-----	---	> 80	---	---	---	---	Moderate----	Low-----	Moderate.
STORDEN-----	---	> 80	---	---	---	---	Moderate----	Low-----	Low.
256E2: LESTER-----	---	> 80	---	---	---	---	Moderate----	Low-----	Moderate.
STORDEN-----	---	> 80	---	---	---	---	Moderate----	Low-----	Low.
256F: LESTER-----	---	> 80	---	---	---	---	Moderate----	Low-----	Moderate.
STORDEN-----	---	> 80	---	---	---	---	Moderate----	Low-----	Low.
256G: LESTER-----	---	> 80	---	---	---	---	Moderate----	Low-----	Moderate.
STORDEN-----	---	> 80	---	---	---	---	Moderate----	Low-----	Low.
258: BISCAY-----	---	> 80	---	---	---	---	High-----	Moderate----	Low.
259: BISCAY-----	---	> 80	---	---	---	---	High-----	Moderate----	Low.
307: DUNDAS-----	---	> 80	---	---	---	---	High-----	High-----	Moderate.
308: WADENA-----	---	> 80	---	---	---	---	Low-----	Low-----	Low.
308B: WADENA-----	---	> 80	---	---	---	---	Low-----	Low-----	Low.

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	Kind	Depth to top	Thickness	Hardness	Initial	Total		Uncoated steel	Concrete
		In	In		In	In			
325: LE SUEUR-----	---	> 80	---	---	---	---	High-----	High-----	Low.
383: MARNA-----	---	> 80	---	---	---	---	High-----	High-----	Low.
385: GUCKEEN-----	---	> 80	---	---	---	---	High-----	High-----	Low.
386: CORDOVA-----	---	> 80	---	---	---	---	High-----	High-----	Low.
458: MILLINGTON-----	---	> 80	---	---	---	---	High-----	High-----	Low.
485: SPILLVILLE-----	---	> 80	---	---	---	---	Moderate-----	High-----	Moderate.
485B: SPILLVILLE-----	---	> 80	---	---	---	---	Moderate-----	High-----	Moderate.
506: WACOUSTA-----	---	> 80	---	---	---	---	High-----	High-----	Low.
507: CANISTEO-----	---	> 80	---	---	---	---	High-----	High-----	Low.
508: CALCOUSTA-----	---	> 80	---	---	---	---	High-----	High-----	Low.
566: MOINGONA-----	---	> 80	---	---	---	---	Moderate-----	High-----	Low.
566C: MOINGONA-----	---	> 80	---	---	---	---	Moderate-----	High-----	Low.

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	Kind	Depth to top	Thickness	Hardness	Initial	Total		Uncoated steel	Concrete
		In	In		In	In			
585B: COLAND-----	---	> 80	---	---	---	---	High-----	High-----	Low.
SPILLVILLE-----	---	> 80	---	---	---	---	Moderate----	High-----	Moderate.
638C2: CLARION-----	---	> 80	---	---	---	---	Moderate----	Low-----	Low.
STORDEN-----	---	> 80	---	---	---	---	Moderate----	Low-----	Low.
638D2: CLARION-----	---	> 80	---	---	---	---	Moderate----	Low-----	Low.
STORDEN-----	---	> 80	---	---	---	---	Moderate----	Low-----	Low.
638E2: CLARION-----	---	> 80	---	---	---	---	Moderate----	Low-----	Low.
STORDEN-----	---	> 80	---	---	---	---	Moderate----	Low-----	Low.
639C2: SALIDA-----	---	> 80	---	---	---	---	Low-----	Low-----	Low.
STORDEN-----	---	> 80	---	---	---	---	Moderate----	Low-----	Low.
639D2: SALIDA-----	---	> 80	---	---	---	---	Low-----	Low-----	Low.
STORDEN-----	---	> 80	---	---	---	---	Moderate----	Low-----	Low.
655: CRIPPIN-----	---	> 80	---	---	---	---	High-----	High-----	Low.
658: MAYER-----	---	> 80	---	---	---	---	High-----	High-----	Low.
659: MAYER-----	---	> 80	---	---	---	---	High-----	High-----	Low.

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	Kind	Depth to top	Thickness	Hardness	Initial	Total		Uncoated steel	Concrete
		In	In		In	In			
733: CALCO-----	---	> 80	---	---	---	---	High-----	High-----	Low.
878: OCHEYEDAN-----	---	> 80	---	---	---	---	Moderate----	Low-----	Low.
878B: OCHEYEDAN-----	---	> 80	---	---	---	---	Moderate----	Low-----	Low.
878B2: OCHEYEDAN-----	---	> 80	---	---	---	---	Moderate----	Low-----	Low.
878C2: OCHEYEDAN-----	---	> 80	---	---	---	---	Moderate----	Low-----	Low.
879: FOSTORIA-----	---	> 80	---	---	---	---	High-----	High-----	Low.
1048: KNOKE-----	---	> 80	---	---	---	---	High-----	High-----	Low.
1135: COLAND-----	---	> 80	---	---	---	---	High-----	High-----	Low.
1308: WADENA VARIANT-----	---	> 80	---	---	---	---	Low-----	Low-----	Low.
1585: COLAND-----	---	> 80	---	---	---	---	High-----	High-----	Low.
1585B: COLAND-----	---	> 80	---	---	---	---	High-----	High-----	Low.
2315: FLUVAQUENTS-----	---	> 80	---	---	---	---	Moderate----	High-----	Low.
COLAND-----	---	> 80	---	---	---	---	High-----	High-----	Low.

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	Kind	Depth to top	Thickness	Hardness	Initial	Total		Uncoated steel	Concrete
		In	In		In	In			
5010: PITS-----	---	---	---	---		---	---	---	---
5020: PITS-----	---	---	---	---		---	---	---	---
5040: ORTHENTS-----	---	---	---	---	---	---	None-----	---	---
5041: UDORTHENTS-----	---	---	---	---		---	---	---	---
W: WATER-----	---	---	---	---		---	---	---	---